

HI-TON

HEAVY DUTY LATHE MACHINE



Machine shown with accessories.

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BED LENGTH FT MM	MODEL NO	ADMIT BETWEEN CENTRE
5' 6"	1675 HT-1 & EH-1	500 MM
7'-0"	2135 HT-2 & EH-2	1000 MM
9'-0"	2740 HT-3 & EH-3	1600 MM
10"	3050 HT-4 & EH-4	1915 MM
12'-0"	3650 HT-5 & EH-5	2525 MM
14'-0"	4260 HT-6 & EH-6	3135 MM

STANDARD ACCESSORIES

- ♦ Steady Rest
- ♦ Follow Rest
- ♦ Chuck Plate
- ♦ Face Plate
- ♦ Motor Pulley
- ♦ Tool Post Key
- ♦ Dead Centres MT-4
- ♦ Spindle Sleeve
- ♦ Set of Change Gears(Inch & Metric Threads)
- ♦ Oil Can
- ♦ Spare parts & instruction book

EXTRA ACCESSORIES

- ♦ Norton Gear Box
- ♦ 4 Speed Semi Norton Gear Box with Feed Shaft
- ♦ Taper Attachment(For Model: HT-1,2,3,4 Only)
- ♦ Extra height of Centre : 12"
- ♦ Coolant Pump with Tank & Nozzle
- ♦ Electric Motor
- ♦ Dog / Through Chuck
- ♦ Carrier Plate
- ♦ Hydraulic Copy Turning Attachment

SPECIAL FEATURES

- ♦ Head Stock Gear Helical
- ♦ Main Spindle & Tailstock Spindle hardened & ground
- ♦ Head Stock / Counter Pulley dynamically balanced
- ♦ Hardened and Ground Bed for minimum wear
- ♦ Apron is fully oil bath
- ♦ Steel parts made from EN-8 steel
- ♦ Needs minimum care and low maintenance
- ♦ Tasted as per IS: 1878 - 1971
- ♦ All components machined using jigs and fixtures to close to tolerances, thus providing easy interchange ability.

Mfr. By :

R. V. MACHINE TOOLS

10, Mavdi Plot, Rajkot - 360 004

Tel : 2388553 Fax : 0281-2366552

Email : sales@newdilup.com

SPECIFICATION	STANDARD HEAVY DUTY 254 MM CENTRE	OPTIONAL HEAVY DUTY 305 MM CENTRE	OPTIONAL EXTRA HEAVY DUTY EH' TYPE 380 MM CENTRE
HEIGHT OF CENTRE OVER FLAT BED WAYS	254 MM	305 MM	380 MM
SWING OVER BED	480 MM	580 MM	710 MM
SWING OVER CROSS SLIDE	290 MM	395 MM	490 MM
SWING IN GAP	785 MM	885 MM	1150MM
LENGTH OF GAP IN FRONT OF FACE PLATE	190 MM	190 MM	190 MM
WIDTH OF BED	325 MM	325 MM	380 MM
BED TYPE	2V & 2 FLAT	2V & 2 FLAT	2V & 2 FLAT
HEAD STOCK OR MAIN SPINDLE			
SPINDLE NOSE DIA / THREAD	76 X 6 TPI	76 X 6 TPI	104 X 6 TPI
SPINDLE BORE	52 MM	52 MM	80 MM
NO. OF SPINDLE SPEED	8	8	8
RANGE OF SPINDLE SPEED			
(STANDARD) BRASS TYPE	30 TO 550 RPM	30 TO 550 RPM	30 TO 550 RPM
(OPTIONAL) BEARING TYPE	40 TO 700 RPM	40 TO 700 RPM	40 TO 700 RPM
MORSE TAPER IN SPINDLE	MT-6	MT-6	MT-6
MORSE TAPER IN ADAPTOR	MT-4	MT-4	MT-4
TYPE OF DRIVE (STANDARD)	FLAT BELT	FLAT BELT	FLAT BELT
(OPTIONAL) V-BELT	"C" SECTION	"C" SECTION	"C" SECTION
TAIL STOCK			
SPINDLE DIA	62 MM	62 MM	62 MM
SPINDLE MORSE TAPER	MT-4	MT-4	MT-4
SPINDLE TRAVEL	180 MM	180 MM	180 MM
CARRIAGE & COMPOUND			
CROSS SLIDE DIMENTIONS	200 X 460 MM	200 X 460 MM	250 X 460 MM
CROSS SLIDE TRAVEL	250 MM	350 MM	380 MM
TOP SLIDE (COMPOUND SLIDE) TRAVEL	140 MM	140 MM	170 MM
TOOL SHANK SECTION	25 MM	25 MM	25 MM
LEAD SCREW			
LEAD SCREW DIAMETER	38 MM	38 MM	45 MM
LEAD SCREW THREADS	4 TPI	4 TPI	4 TPI
THREADS			
NUMBER OF THREADS RANGE IN MATRIC	13	13	13
NUMBER OF THREADS RANGE IN INCH	19	19	19
NUMBER OF PITCH RANGE IN MATRIC	1 TO 6 PITCH	1 TO 6 PITCH	1 TO 6 PITCH
NUMBER OF PITCH RANGE IN INCH	2 TO 24 TPI	2 TO 24 TPI	2 TO 24 TPI
ELECTRICAL	3 HP 1440 RPM	3 HP 1440 RPM	5 HP 1440 RPM
V-BELT SECTION	B73	B73	B73

MISCELLANEOUS DIMENSIONS

MODEL	FLOOR SPACE OCCUPIED	APPROX WT.(KG)		APPROX SIZE OF CASE (MM)	VOLUME OF CASE M3
		NET	GROSS		
HT-1	2000 X 1450	1150	1400	2300 X 1105 X 1370	4.00
HT-2	2440 X 1450	1250	1500	2740 X 1105 X 1370	4.15
HT-3	3000 X 1450	1400	1700	3200 X 1105 X 1370	4.84
HT-4	3450 X 1450	1550	1900	3700 X 1105 X 1370	5.65
HT-5	4115 X 1450	1700	2100	4370 X 1105 X 1370	6.62
HT-6	4825 X 1450	1900	2270	5080 X 1105 X 1370	7.61
EH-1	2000 X 1600	1400	1650	2400 X 1350 X 1650	5.30
EH-2	2440 X 1600	1625	1900	2900 X 1350 X 1650	6.50
EH-3	3000 X 1600	1700	2250	3400 X 1350 X 1650	7.60
EH-4	3450 X 1600	1900	2250	3600 X 1350 X 1650	8.00
EH-5	4115 X 1600	2100	2650	4300 X 1350 X 1650	9.60
EH-6	4825 X 1600	2450	3100	4900 X 1350 X 1650	10.90

NOTE : Illustrations and specifications are not binding in detail and are subject to modification and improvement without notice.